



Agri-News



Iowa Agricultural Statistics Service

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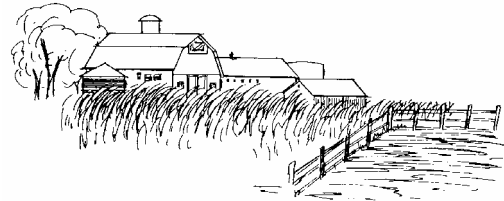
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July 1 Crop Production

Iowa: Farmers seeded 210,000 acres of oats in 2004, down 10,000 acres from 2003. Acres expected to be harvested for grain, at 130,000, is equal to 2003. The forecasted yield, at 80 bushels per harvested acre, is down 3 bushels per acre from last year. Production is forecast at 10.4 million bushels, down from last year's production of 10.79 million bushels.

United States: Oats: Production is forecast at 122 million bushels, 16 percent below last year's 145 million bushels. The forecasted yield is 62.9 bushels per acre, down 2.1 bushels from 2003. Expected area for harvest is 1.94 million acres, down 13 percent from last year.

Crop development lagged behind normal across most of the Corn Belt and northern Great Plains. By the end of June, slightly more than one-half of the acreage was headed, 2 percentage points behind the 5-year average. The crop was

most advanced in Iowa and Nebraska, where over 90 percent of the acreage was headed.

Lower yields are forecast in many Corn Belt and Great Plains States. Excessive moisture and lower than normal temperatures in June slowed crop development and adversely affected crop conditions in many areas. Yields are expected to be higher in the Pacific Northwest and most Rocky Mountain States, where adequate moisture and near average temperatures have provided favorable growing conditions.

Winter wheat: Production is forecast at 1.47 billion bushels. This is down 4 percent from last month and 14 percent below 2003. The U.S. yield is forecast at 42.2 bushels per acre, down 1.4 bushels from last month.

July 2004 Production Summary - Iowa and United States

Crop	For harvest		Yield per acre		Production	
	2003	2004	2003	2004	2003	2004
	Thousand acres		Bushels		Thousand bushels	
IOWA						
Oats for grain	130	130	83.0	80.0	10,790	10,400
Winter Wheat for grain	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
Corn for grain	12,000	12,200	157.0	^{2/}	1,884,000	^{2/}
Soybeans	10,550	10,350	32.0	^{2/}	337,600	^{2/}
UNITED STATES						
Oats for grain	2,224	1,938	65.0	62.9	144,649	121,860
Wheat, All	52,839	50,706	44.2	40.6	2,336,526	2,059,071
Winter	36,541	34,825	46.7	43.6	1,707,069	1,469,735
Durum	2,869	2,671	33.7	33.2	96,637	88,571
Other spring	13,429	13,210	39.7	37.9	532,820	500,765
Summer Potatoes ³	59.0	57.1	322	327	19,008	18,656
Corn for grain	71,139	73,362	142.2	145.0 ^{4/}	10,113,887	10,635,000 ^{4/}
Soybeans	72,321	73,655	33.4	39.9 ^{4/}	2,417,565	2,940,000 ^{4/}

¹Iowa's individual yield and production will be published in the "Small Grains 2004 Summary" released on September 30, 2004.

²Iowa's first estimates of the season will be released on August 12, 2004. ³Yield in cwt and production in 1,000 cwt. ⁴Projections from the July 12, 2004, World Agricultural Supply and Demand Estimates Report.

Corn for Grain: Plant Population Per Acre, Selected States, 1999-03¹

State		1999	2000	2001	2002	2003
		----- Number of Plants -----				
Illinois	Sep.	25,750	25,800	26,750	26,400	27,150
	Nov.	25,650	25,800	26,650	26,350	27,050
Indiana	Sep.	25,250	25,050	26,100	25,350	26,050
	Nov.	25,100	25,150	25,950	25,300	25,900
Iowa	Sep.	25,850	26,500	26,500	26,850	27,400
	Nov.	25,900	26,300	26,450	26,700	27,250
Minnesota	Sep.	26,750	27,500	28,050	26,950	28,700
	Nov.	26,800	27,150	28,000	26,800	28,800
Nebraska	Sep.	23,200	23,700	22,750	23,250	23,800
	Nov.	23,100	23,400	22,750	23,350	23,700
Ohio	Sep.	25,000	25,200	26,150	24,850	25,900
	Nov.	25,000	24,800	26,050	24,400	25,900
Wisconsin	Sep.	26,050	26,550	26,800	26,550	27,300
	Nov.	26,200	26,200	27,000	26,650	27,100

¹ Based on stalk counts in plots selected for objective yield samples.

Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width, Selected States, 1999-03

State and Year	Number of Samples	Row Width (Inches) ¹						Average Row Width
		20.5 or less	20.6 - 30.5	30.6 - 34.5	34.6 - 36.5	36.6 - 38.5	38.6 and greater	
	Number	----- Percent -----						Inches
IL 1999	269	0.4	63.6	18.6	7.4	9.3	0.7	31.4
	273		65.6	16.8	10.3	6.2	1.1	31.3
	261	1.5	67.1	18.0	7.7	4.6	1.1	30.9
	269	0.7	74.4	11.9	8.2	3.7	1.1	30.8
	268	0.7	75.8	12.3	6.7	4.1	0.4	30.7
IN 1999	161		62.7	23.0	5.0	6.8	2.5	31.3
	158	1.9	67.7	14.6	7.0	8.2	0.6	31.0
	156		67.3	21.2	6.4	5.1		31.0
	154		69.5	17.5	10.4	2.6		31.0
	163	0.6	71.1	16.6	8.0	3.1	0.6	30.9
IA 1999	286		53.6	17.1	9.8	12.9	6.6	32.5
	279	0.7	56.3	18.6	6.8	15.8	1.8	31.9
	274	0.7	63.2	17.2	2.9	13.1	2.9	31.6
	281	0.4	62.2	15.3	5.7	9.6	6.8	31.8
	272	0.7	62.7	16.5	5.1	11.0	4.0	31.7
MN 1999	162		63.5	19.8	4.3	9.3	3.1	30.6
	164	2.4	62.3	20.1	6.1	7.3	1.8	30.5
	162	2.5	66.7	22.2	3.1	4.3	1.2	29.5
	158	1.9	69.5	19.0	3.2	5.1	1.3	30.0
	166	4.2	77.7	13.3	1.8	1.8	1.2	29.1
NE 1999	227	0.4	43.3	19.8	23.3	11.0	2.2	32.6
	224	0.4	52.3	15.6	22.3	9.4		32.1
	235	0.9	43.8	15.3	26.4	12.3	1.3	32.7
	229	1.3	46.3	17.0	23.6	11.8		32.3
	240	0.8	52.6	13.3	25.0	7.9	0.4	32.2
OH 1999	111		65.8	28.8	1.8	3.6		30.6
	116		70.7	19.0	5.2	4.3	0.8	30.9
	116		74.1	20.7		2.6	2.6	30.7
	110	0.9	78.2	17.3	1.8	0.9	0.9	30.3
	101		54.4	38.6	2.0	5.0		30.9
WI 1999	85		40.0	21.2	9.4	20.0	9.4	33.1
	86	2.3	38.4	25.6	8.1	16.3	9.3	32.6
	77	1.3	57.1	11.7	7.8	14.3	7.8	32.2
	85	1.2	60.0	18.8	5.9	8.2	5.9	31.3
	73		46.6	31.5	4.1	9.6	8.2	31.7

¹ Spacings based on row measurements in sample plots selected for objective yield survey.

Agricultural Chemical Usage – 2003

Overview

The agricultural chemical use estimates refer to on-farm use of commercial fertilizers and pesticides on targeted crops for the 2003 crop year. The targeted crops for Iowa only included corn. Farm and ranch operators were enumerated late in the growing season after the farm operator had indicated that planned applications were completed.

collection time frame occurred during the months of October-December of 2003.

This report excludes pesticides used for seed treatments and postharvest applications to the commodity. Spot treatments, which account for a very small percentage of total applications, are also excluded.

The data were compiled from the Agricultural Resources Management Survey (ARMS). The main portion of data

Agricultural Chemical Applications, Iowa, 2003

Agricultural Chemical	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	-----Pounds per Acre-----		
Corn¹					
Fertilizers:					<u>Million lbs.</u>
Nitrogen	93	1.4	94	133	1,544.3
Phosphate	59	1.0	61	64	468.6
Potash	65	1.0	80	83	670.6
Herbicides:					<u>1,000 lbs.</u>
2,4-D	3	1.0	0.45	0.45	154
Acetamide	4	1.0	0.43	0.43	225
Acetochlor	37	1.0	2.06	2.06	9,570
Atrazine	70	1.0	0.91	0.99	8,598
Clopyralid	9	1.0	0.10	0.10	113
Dicamba	3	1.0	0.19	0.19	72
Dicamba, Dimet. salt	4	1.0	0.10	0.10	51
Dicamba, Sodium salt	2	1.0	0.12	0.12	29
Di flufenzopyr-sodium	4	1.0	0.04	0.04	24
Dimethenamid-P	6	1.0	0.46	0.46	320
Flumetsulam	9	1.0	0.04	0.04	47
Glufosinate-ammonium	7	1.0	0.29	0.29	256
Glyphosate	10	1.0	0.79	0.85	1,070
Isoxaflutole	17	1.0	0.07	0.07	135
Mesotrione	27	1.0	0.09	0.09	301
Metolachlor	3	1.0	1.91	1.91	622
Nicosulfuron	15	1.0	0.02	0.02	42
Rimsulfuron	14	1.0	0.01	0.01	22
S-Metolachlor	17	1.0	1.49	1.49	3,074
Insecticides:					
Chlorpyrifos	3	1.0	1.01	1.01	366
Cyfluthrin	5	1.0	0.005	0.005	3
Tebupirimphos	5	1.0	0.10	0.10	63

¹ Planted acres in 2003 for Iowa were 12.4 million acres.

Highlights

Corn: Nitrogen was applied to 96 percent of the 2003 corn planted acreage in the Program States: Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Pennsylvania, South Dakota, Texas, and Wisconsin. Corn growers used an average of 1.7 applications per acre while applying 78 pounds of nitrogen per treatment. This computes to a crop year rate per acre of 136 pounds per acre. In the Program States, 79 percent of the corn planted acreage received a phosphate application, while potash was applied to 64 percent of the planted acreage.

Herbicides were applied to 95 percent of the corn planted acreage in 2003 in the Program States. Atrazine continued to

be the most widely applied herbicide with 68 percent of the planted acreage being treated. It was applied at a rate of 1.04 pounds per acre. Acetochlor, at 26 percent of the planted acres treated, was the second most widely applied herbicide, followed by glyphosate and S-metolachlor, both applied to 19 percent of the planted corn acreage treated in the Program States.

In 2003, 29 percent of the corn planted acreage was treated with insecticides in the Program States. Cyfluthrin and tebupirimphos were the most widely applied insecticides, both applied to 7 percent of the acres planted to corn in the States surveyed.

Iowa Floriculture Crops, 2003¹

Item	Number of Producers	Quantity sold	Value of sales at wholesale
		1,000 pots	1,000 dollars
Potted Plants			
Potted chrysanthemums	8	351	1,427
Potted azaleas	10	123	870
Potted Easter lilies	16	202	972
Potted poinsettias	36	986	4,182
Other potted flowering plants	15	472	1,957
Potted foliage	12	NA	1,604
Potted hardy/garden mums	36	1,687	2,500
Potted geraniums, cuttings	49	1,090	2,246
Potted geraniums, seed	23	1,000	842
Potted impatiens	16	96	254
Potted hosta	33	197	491
Potted New Guinea impatiens	43	278	593
Other potted flowering & foliar bedding	29	2,020	3,663
		1,000 baskets	
Hanging Baskets			
Geraniums, cuttings	40	102	734
Impatiens	34	46	325
New Guinea impatiens	38	74	556
Petunias	34	47	316
Other flowering hanging baskets	35	575	3,617
		1,000 flats	
Flats			
Bedding begonias	32	41	309
Bedding geraniums, cuttings	9	30	299
Bedding impatiens	44	155	1,176
Bedding marigolds	36	73	537
Bedding pansy/viola	37	44	334
Bedding petunias	47	265	1,672
Other flowering & foliar bedding plants	40	569	4,125
Vegetable bedding plants	43	154	1,127

¹ Based on reports from growers with value of sales of \$100,000 or more. NA = Not available.

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